



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

## \*BIBDATASHEET\*

Bib Data Sheet

CONFIRMATION NO. 7303

SERIAL NUMBER 10/619,616	FILING DATE 07/16/2003 RULE	CLASS 332	GROUP ART UNIT 2817	ATTORNEY DOCKET NO. 240423US2S
-----------------------------	-----------------------------------	--------------	------------------------	--------------------------------------

## APPLICANTS

Toshikazu Oda, Yokohama-shi, JAPAN;

Mitsuru Nagata, Naka-gun, JAPAN;  
Hiroyuki Eguchi, Yokohama-shi, JAPAN;

## \*\* CONTINUING DATA \*\*\*\*\*

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

JAPAN 2002-206869 07/16/2002

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 10/14/2003

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged Examiner's Signature  Initials	JAPAN	40	28	6

## ADDRESS

22850  
OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.  
1940 DUKE STREET  
ALEXANDRIA, VA  
22314

## TITLE

Stepwise zero-data-detection mute circuit

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------	---	---